

ABSTRACT

A PROCESS FOR THE EXTRACTION, PURIFICATION AND ENZYMATIC
5 MODIFICATION OF SOY 7S GLOBULIN ALPHA' SUBUNIT FOR USE AS
HYPOCHOLESTEROLEMIZING AGENT

A process for the extraction, purification and enzymatic modification of β -
conglycinin α' subunit, wherein β -conglycinin is selectively extracted from
10 ground, deffated soy, then precipitated by treatment with aqueous ethanol; the
enriched fraction is then subjected to Metal Affinity Chromatography (MAC) in
denaturant conditions to obtain the α' subunit, which is treated with
chymotrypsin, then subjected to a further MAC to recover the amino-terminal
region of this polypeptide (MW 28,000 Da).

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Figure 2



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